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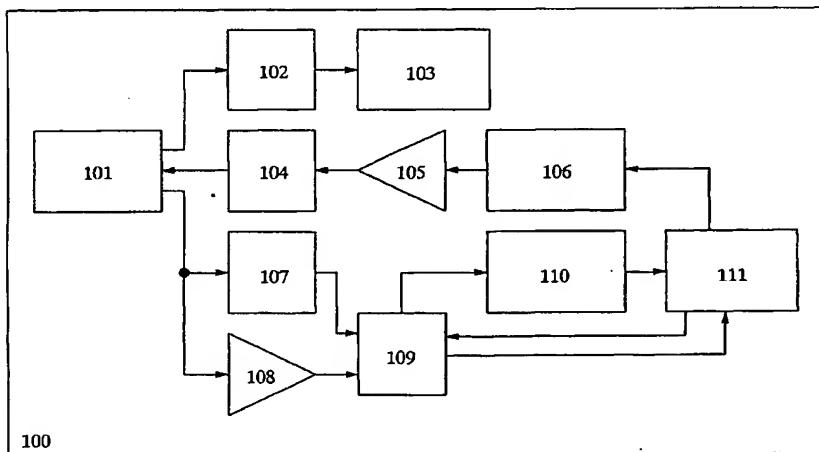
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(54) Title: **SEMICONDUCTOR DEVICE, WIRELESS CHIP, IC CARD, IC TAG, TRANSPONDER, BILL, SECURITIES, PASSPORT, ELECTRONIC APPARATUS, BAG, AND GARMENT**



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(57) Abstract: The invention provides an ID chip to which data can be written only once in order to maintain high security as a non-contact type ID chip to which signals are inputted wirelessly from an antenna. A non-contact type ID chip includes a nonvolatile FeRAM in the chip. Data representative of whether data is written or not to the FeRAM is written when writing identification data, thereby data cannot be written additionally to the FeRAM of the ID chip once the data has been written.